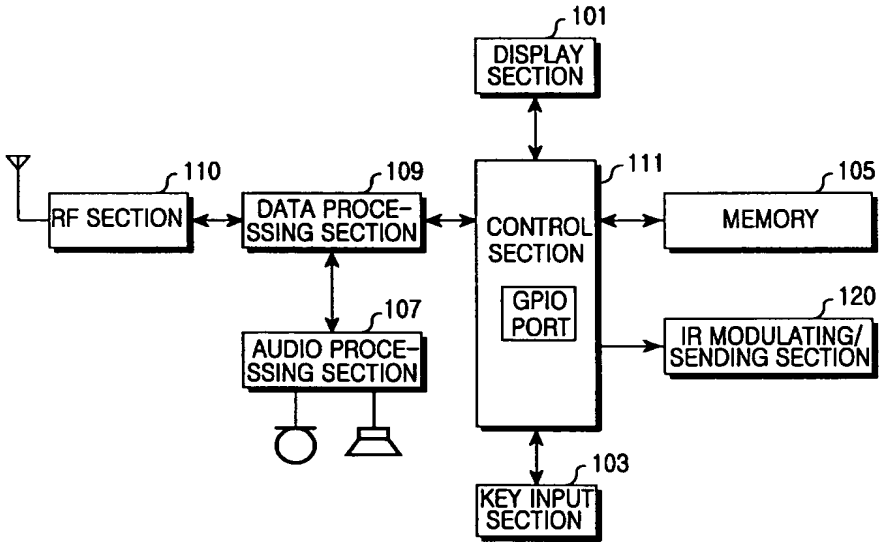
101
DISPLAY SECTION
110
RF SECTION
109
DATA PROCE-SSING SECTION
111
CONTROL SECTION
GPIO PORT
105
MEMORY
107
AUDIO PROCE-SSING SECTION
120
IR MODULATING/ SENDING SECTION
103
KEY INPUT SECTION

FIG. 1

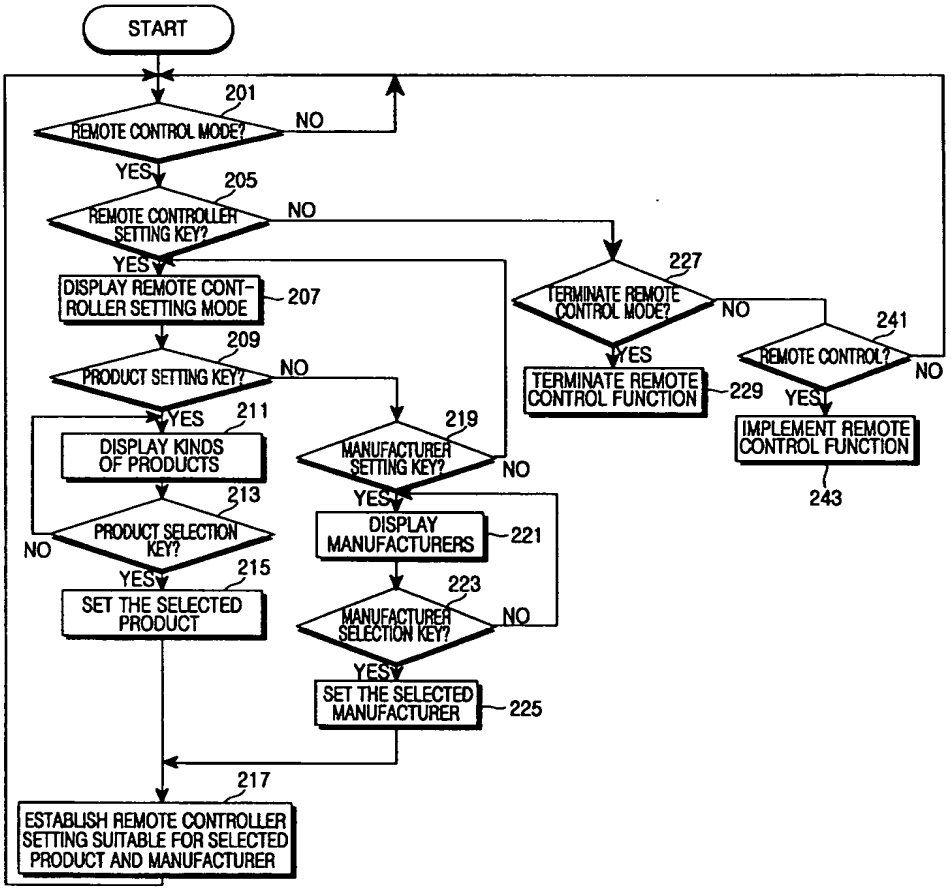
START
201
REMOTE CONTROL MODE?
NO
YES
205
REMOTE CONTROLLER SETTING KEY?
NO
YES
DISPLAY REMOTE CONTROLLER SETTING MODE
207
209
PRODUCT SETTING KEY?
NO
YES
211
DISPLAY KINDS OF PRODUCTS
213
PRODUCT SELECTION KEY?
NO
YES
215
SET THE SELECTED PRODUCT
219
MANUFACTURER SETTING KEY?
NO
YES
DISPLAY MANUFACTURERS
221
223
MANUFACTURER SELECTION KEY?
NO
YES
SET THE SELECTED MANUFACTURER
225
217
ESTABLISH REMOTE CONTROLLER SETTING SUITABLE FOR SELECTED PRODUCT AND MANUFACTURER
227
TERMINATE REMOTE CONTROL MODE?
NO
YES
TERMINATE REMOTE CONTROL FUNCTION
229
241
REMOTE CONTROL?
NO
YES
IMPLEMENT REMOTE CONTROL FUNCTION
243

FIG.2

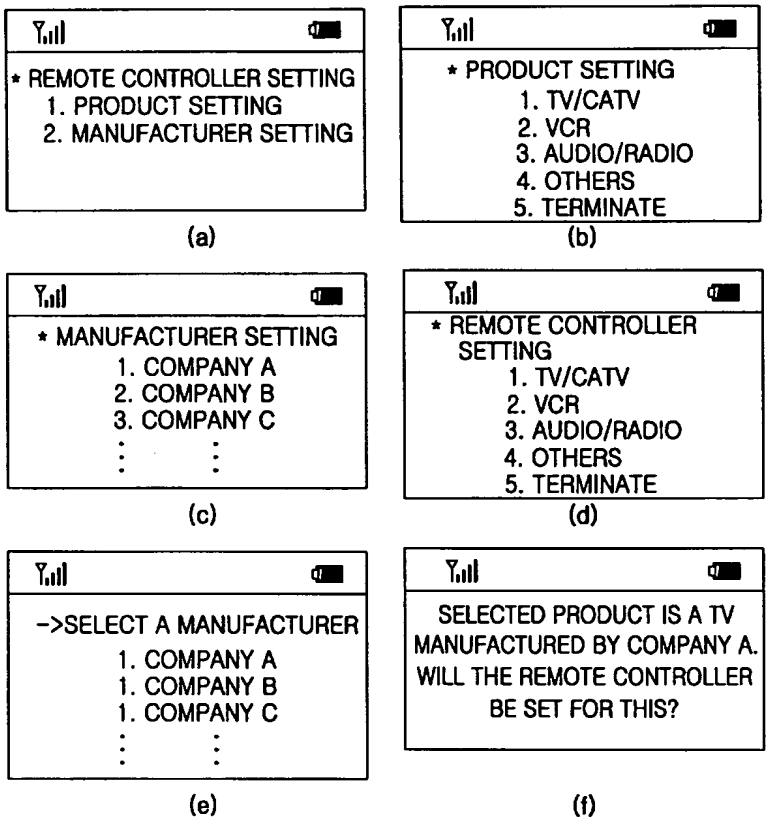
* REMOTE CONTROLLER SETTING
1. PRODUCT SETTING
2. MANUFACTURER SETTING
(a)
* PRODUCT SETTING
1. TV/CATV
2. VCR
3. AUDIO/RADIO
4. OTHERS
5. TERMINATE
(b)
* MANUFACTURER SETTING
1. COMPANY A
2. COMPANY B
3. COMPANY C
(c)
* REMOTE CONTROLLER SETTING
1. TV/CATV
2. VCR
3. AUDIO/RADIO
4. OTHERS
5. TERMINATE
(d)
->SELECT A MANUFACTURER
1. COMPANY A
1. COMPANY B
1. COMPANY C
(e)
SELECTED PRODUCT IS A TV MANUFACTURED BY COMPANY A. WILL THE REMOTE CONTROLLER BE SET FOR THIS?
(f)

FIG.3

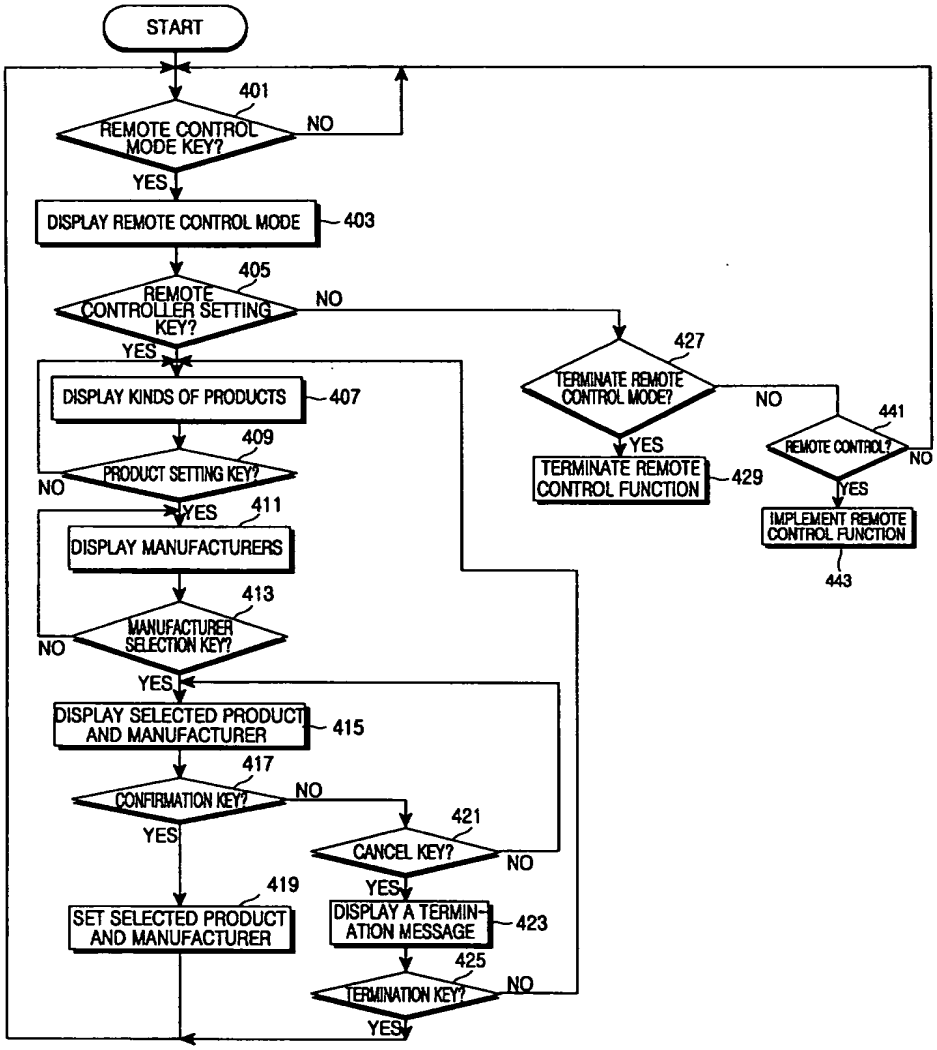
START
401
REMOTE CONTROL MODE KEY?
NO
YES
DISPLAY REMOTE CONTROL MODE
403
405
REMOTE CONTROLLER SETTING KEY?
NO
YES
427
TERMINATE REMOTE CONTROL MODE?
NO
YES
TERMINATE REMOTE CONTROL FUNCTION
429
441
REMOTE CONTROL?
NO
YES
IMPLEMENT REMOTE CONTROL FUNCTION
443
DISPLAY KINDS OF PRODUCTS
407
409
PRODUCT SETTING KEY?
NO
YES
411
DISPLAY MANUFACTURERS
413
MANUFACTURER SELECTION KEY?
NO
YES
DISPLAY SELECTED PRODUCT AND MANUFACTURER
415
417
CONFIRMATION KEY?
NO
YES
421
CANCEL KEY?
NO
YES
419
SET SELECTED PRODUCT AND MANUFACTURER
DISPLAY A TERMINATION MESSAGE
423
425
TERMINATION KEY?
NO
YES

FIG.4

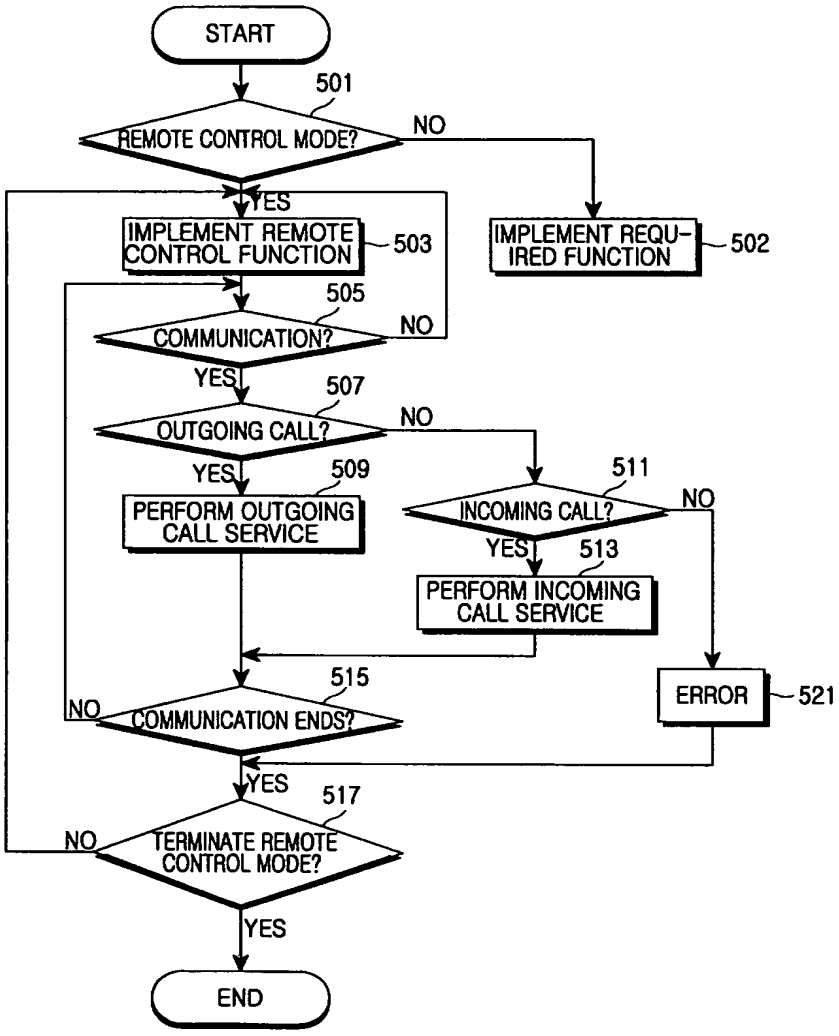
START
501
REMOTE CONTROL MODE?
NO
YES
IMPLEMENT REMOTE CONTROL FUNCTION
503
IMPLEMENT REQUIRED FUNCTION
502
505
COMMUNICATION?
NO
YES
507
OUTGOING CALL?
NO
YES
509
PERFORM OUTGOING CALL SERVICE
511
INCOMING CALL?
NO
YES
513
PERFORM INCOMING CALL SERVICE
515
NO
COMMUNICATION ENDS?
ERROR
521
YES
517
NO
TERMINATE REMOTE CONTROL MODE?
YES
END

FIG.5

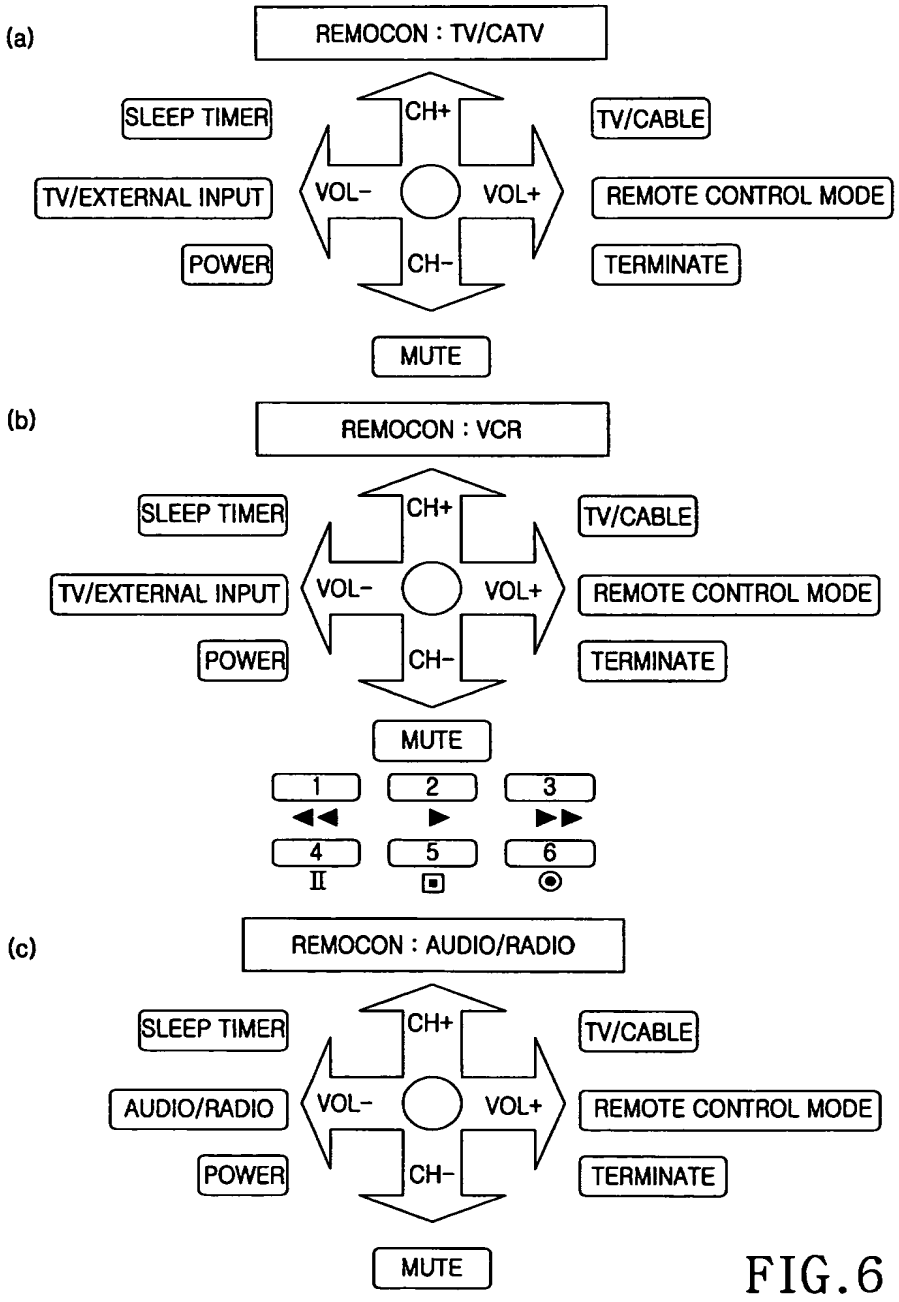
(a)
REMOCON : TV/CATV
SLEEP TIMER
CH+
TV/CABLE
TV/EXTERNAL INPUT
VOL-
VOL+
REMOTE CONTROL MODE
POWER
CH-
TERMINATE
MUTE
(b)
REMOCON : VCR
SLEEP TIMER
CH+
TV/CABLE
TV/EXTERNAL INPUT
VOL-
VOL+
REMOTE CONTROL MODE
POWER
CH-
TERMINATE
MUTE
1
2
3
4
5
6
(c)
REMOCON : AUDIO/RADIO
SLEEP TIMER
CH+
TV/CABLE
AUDIO/RADIO
VOL-
VOL+
REMOTE CONTROL MODE
POWER
CH-
TERMINATE
MUTE

FIG.6